GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

UNSTARRED QUESTION NO:3000
ANSWERED ON:07.12.2000
IMPROVEMENT OF SAFETY
CHANDRAKANT BHAURAO KHAIRE;NIVEDITA MANE

Will the Minister of RAILWAYS be pleased to state:

(a) Whether Railways has drawn up a plan to modernise the Railway system and to improve safety in signalling and telecom system;

(b) if so, the details thereof;

(c) the extent to which such improvements offset bad track, track fractures, technically failed components and human errors; and

(d) the progress made in respect of modernisation of Railway track and telecommunication during the last three years?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI DIGVIJAY SINGH)

(a) to (d) : A Statement is attached.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF LOK SABHA UNSTARRED QUESTION NO. 3000 BY SHRI CHANDRAKANT KHAIRE AND SHRIMATI NIVEDITA MANE TO BE ANSWERED ON 07.12.2000 REGARDING IMPROVEMENT OF SAFETY.

(a) to (c) : Yes, Sir. Railways have drawn up a plan to modernise the Railway system. Modernisation covers electric locomotives, diesel locomotives, coaches, wagons, track as well as Signalling and telecommunication installations.

Railways have also drawn up plans to improve the safety. This includes improvements in the above infrastructural items.

Modernisation and improvements in safety are continuous processes. These are need based taking into account the availability of resources.

Modernisation and improvement in safety includes high powered diesel/electric locomotives, high axle load wagons, modern track, track circuiting, provision of Route Relay Interlocking/Solid State Interlocking, Auxiliary Warning System, Walkie Talkie Communication between Guard and Driver, provision of Optic Fibre based communication systems, modernised maintenance of track, interlocking and telephone communication at level crossings.

Upgradation of human resources in the form of training of operation maintenance staff with better training facilities like simulators etc. have also been undertaken. Stress has also been laid on improving the assets reliability and in reducing human errors thereby enhancing the safety standards of the Railways.

(d)Following progress has been made towards modernisation of telecommunication and Railway track during the last 3 years:

(i) Walkie-Talkie sets have been provided to drivers and guards of all the trains.

(ii) Optical Fibre systems have been provided on a total of 1856 Route Kilometers and has been sanctioned for 12212 Route Kilometers.

(iii) Till 01.04.2000 more than 39000 Kms. of track has been provided with stronger and more stable pre-stressed concrete sleepers and more than 10000 Kms. of track have been provided with stronger 60 Kg.-90 UTS Rail and this is being progressively increased. In last 3 years alone, 7043 Kms. of main line track and 1880 Kms. of secondary track have been replaced.